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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marie A. Guion; Confirmation No. 1949  
Arthur G. Erdman;  
George Sommerfeld;  
Ahmed H. Tewfik;  
Craig D. Oster

Serial No.: 10/781,118

Filed: February 18, 2004 Customer No.: 28863

Examiner: Unknown

Group Art Unit: 3736

Docket No.: 1004-085US01

Title: ANALYSIS OF AUSCULTATORY SOUNDS USING SINGLE VALUE  
DECOMPOSITION

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on May 20, 2005.

By: 

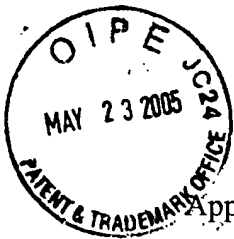
Name: Patricia Cygan

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments  
Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. Also enclosed are copies of the references cited in a Written Opinion, the International Search Report and the PCT Written Opinion of the counterpart PCT matter. Under 37 C.F.R. 1.97(e)(1), each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Supplemental Information Disclosure Statement.



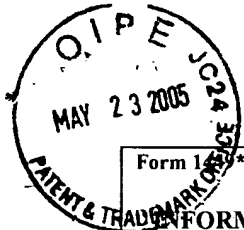
Applicant has enclosed a copy of each article cited and each foreign document cited.  
Copies of the U.S. patents are not enclosed as this requirement has been waived by the U.S.  
Patent Office.

Respectfully submitted,

Date: May 20, 2005

Shumaker & Sieffert, P.A.  
8425 Seasons Parkway, Suite 105  
St. Paul, Minnesota 55125  
Phone: (651) 735-1100  
Fax: (651) 735-1102

Kent J. Sieffert  
By: Kent J. Sieffert  
Reg. No.: 41,312



<b>Form 1</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 1004-085US01	Application Number: 10/781,118
	Applicant: Marie A. Guion; Arthur G. Erdman; George Sommerfeld; Ahmed H. Tewfik; Craig D. Oster	
	Filing Date: February 18, 2004	Group Art Unit: 3736
	Examiner Name: Unknown	

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
	5,490,516	02/13/1996	Hutson	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
	02/096293	12/05/2002	PCT		
	00/02486	01/20/2000	PCT		

**OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)**

	H.P. Sava et al., "Spectral Analysis of Carpentier-Edwards Prosthetic Heart Valve Sounds in the Aortic Position Using SVD-Based Methods," IEE Colloquim on Signal Processing in Cardiology, pages 6-1 – 6-4, 1995.
	T. Olmez et al., "Classification of Heart Sounds Using an Artificial Neural Network," Pattern Recognition Letters, Vol. 24, No. 1-3, pages 617-629, January 2003.
	S.M. Lee et al., "Heart Sound Recognition by New Methods Using the Full Cardiac Cycled Sound Data," IEICE Transactions on Information and Systems, Institute of Electronics Information and Communication Engineering, Tokyo, JP, Vol. E84-D, No. 4, pages 521-529, April 2001.
	Copy of Written Opinion of the International Application Number PCT/US2004/034557, mailed February 24, 2005.
	Copy of International Search Report for International Application Number PCT/US2004/034557, mailed February 24, 2005.

<b>EXAMINER</b>	<b>Date Considered</b>
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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.